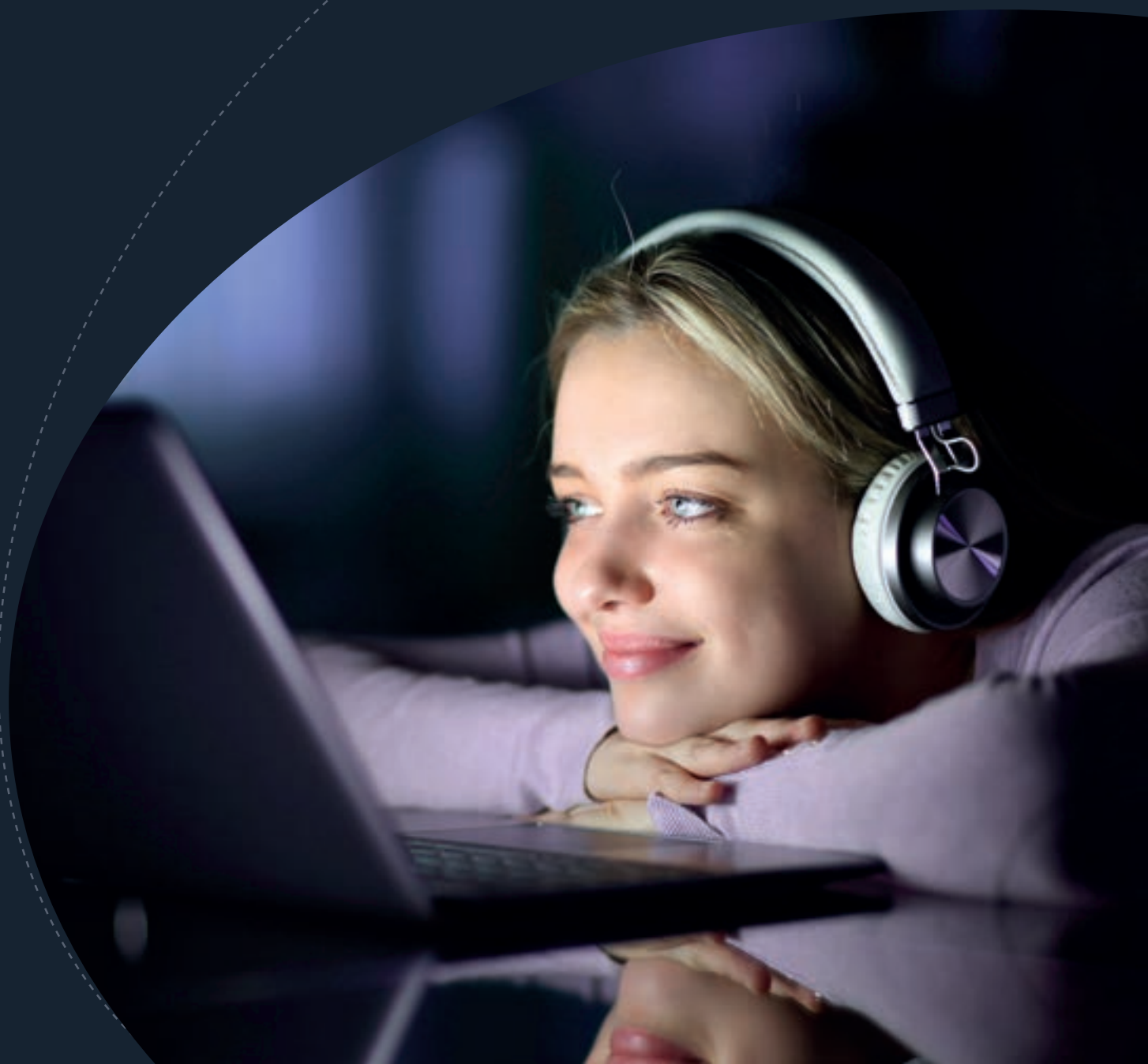


SPACE  
NORWAY

# Media Services

Making your stories come alive.



# About Space Norway

Norway was among the first nations to leverage satellites for the benefit of society. As early as 1974, it established the first domestic satellite system in Western Europe.

Building on this proud legacy of innovation, Space Norway aims to expand its reach and strategically utilise space to protect, explore and enrich our community.

Today, Space Norway is Northern Europe's leading satellite operator, providing satellite services across the Nordics, Europe, the Middle East, and Africa. Our mission is to provide essential satellite services for broadcasting, data communications, earth observation

and fibre connectivity for government, public and commercial sectors.

Our commitment to advancing societies drives us to engage in research and development projects, collaborating closely with leading national and international partners in the space sector.

Space Norway is wholly owned by the Norwegian State and plays a key role in the Norwegian Government's activities in the space arena.

Space Norway comprises three fully owned subsidiaries: Space Norway Satcom AS, Space Norway HEOSAT AS, Statsat AS, along with a 50 percent ownership in Kongsberg Satellite Services AS (KSAT).

**Space Norway. Space for More.**



## Unique coverage

Positioned at 1° West, our high-powered THOR satellite fleet delivers premium connectivity across EMEA and the Nordics, extending reliable services up to 79° North.

## 'Always-on' service

Our bespoke solutions, supported by a dynamic and responsive team of experts, guarantee steadfast connectivity for any requirement.

## Cutting-edge innovations

We don't settle for the status-quo; instead, we continue to expand our expertise and develop future-ready solutions to meet the evolving needs of our industry.

## Trusted partnerships

We value our industry relationships and uphold our commitments with precision and integrity, ensuring we consistently deliver on our promises.



Space Norway.  
Space for More.

# Premium broadcast services from 1°West

Tune in to quality.

Space Norway stands as the premier broadcast satellite operator in the Nordic region and a choice provider of media services across Central and Eastern Europe.

Our THOR fleet of satellites delivers extensive coverage and premium capacity, enabling our customers to reach content-hungry audiences.

We facilitate the transmission of close to 1000 broadcasting services, bringing crisp content and

reliable TV and radio programming to growing video neighbourhoods. Our comprehensive portfolio can be customised to meet the specific needs of broadcasters targeting the European market.

Whether transmitting content via satellites or providing point-to-point content distribution through Euro-Fibre network, Space Norway is the premier choice for media broadcasting services in Europe.

If you're interested in our media solutions, please contact our team at [broadcasting@spacenorway.com](mailto:broadcasting@spacenorway.com)



# Video neighbourhoods

Your vision, our reach.

Our prime orbital position at 1° West ensures unique coverage and reliable transmissions, expanding broadcasters' access to European audiences.

With the combined capabilities of the THOR fleet, we guarantee blanket coverage, better than 99.99% availability, and 24/7/365 technical support.

Our dynamic platform provides highly reliable and flexible transmission for the distribution of rich media content. Additionally, we offer custom solutions with transmissions tailored specifically for dedicated video neighbourhoods across Europe and Nordic regions.

## Pay-TV operators at 1° West

We provide satellite capacity and media distribution services to leading broadcasters and Europe's main pay-TV operators.

THOR satellite fleet	THOR 5, THOR 6, THOR 7, THOR 10-02.
Video neighbourhoods	Over 18 million, across the Nordics and CEE.
TV and radio services	Close to a 1000 broadcast services.
DTH operators at 1° West	Allente Norway/Sweden/Denmark/Finland, DIGI Romania, Slovak Telekom, FocusSat, FreeSat, Direct One, Telly.

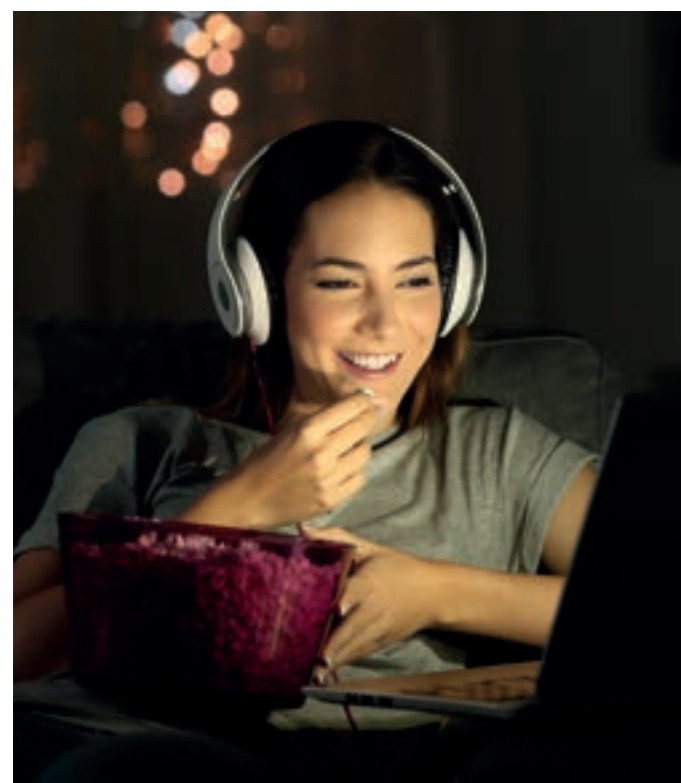
# Playout services

Picture-perfect on any screen.

Our focus on technology and agile service, enables broadcasters to reach their audiences through multiple playouts, ensuring an immersive viewing experience across various devices and streaming platforms.

As your central headend, located at our Nittedal Teleport, we facilitate seamless content distribution via DTH, IPTV, CATV and FTTH. We bring your content in HD and UHD picture-perfect quality, submerging your audiences in an unexpected reality.

We offer transcoding and packaging of OTT / ABR services in multiple profiles and formats per TV channel, along with optional services such as subtitling, AC3 audio, and ad-insertions.



Bringing your content to a new gallery.

## DTH

The THOR fleet of satellites grants broadcasters access to extensive European neighbourhoods, enabling millions of households to enjoy the latest trending programs with crystal-clear quality in HD and UHD.

## IPTV, FTTH and CATV

With more than 600 IPTV services, offered via FTTH, and CATV platforms and complemented by flexible service and bandwidth scalability, we deliver premium experience to TV and radio audiences.

## OTT / ABR

Today's audiences often find linear TV restrictive. We deliver more than 400 OTT / ABR streaming services supporting multiple devices and ensuring cross-device compatibility, allowing you to offer your audience their preferred viewing platform.





# Value-added services

Supporting your vision.

Our comprehensive service portfolio covers every step of the video distribution process: from content capture, encoding, multiplexing, and uplinking, to transmission monitoring and disaster recovery.

We provide video contribution services through our Euro-Fibre terrestrial network and offer a wide range of turnkey solutions, from Free-to-Air to pay-TV.

Our secure ground infrastructure, supported by a 24/7/365 support team, guarantees reliable service with resilient recovery systems.



## Content capture

Nittedal Teleport is equipped to receive your broadcast live as it plays out, or via fibre PoPs, satellite, internet, TVRO, or your play-out hosted directly at our teleport.

## Encoding

We deliver SD, HD and UHD broadcast services encoded in formats that meet all industry standards.

## Multiplexing

Our multiplexing services empower each member of a household to have control over their own viewing choices.

## Encrypting

We can set up a customized encryption solution, ensuring content is ready for distribution on behalf of pay-TV broadcasters.

## Ad-Insertion

Our ad-insertion service enables you to integrate targeted advertising based on your programming and audience interests. This solution ensures maximum revenue for both you and your advertisers.

## Disaster Recovery

We provide a disaster recovery service shielding the transmission against unexpected disruptions and ensuring rapid service re-deployment and restoration.

## Hosting

Nittedal Teleport offers secure infrastructure, cost-effective solutions and round-the-clock support for your broadcast hosting needs.

# Euro-Fibre

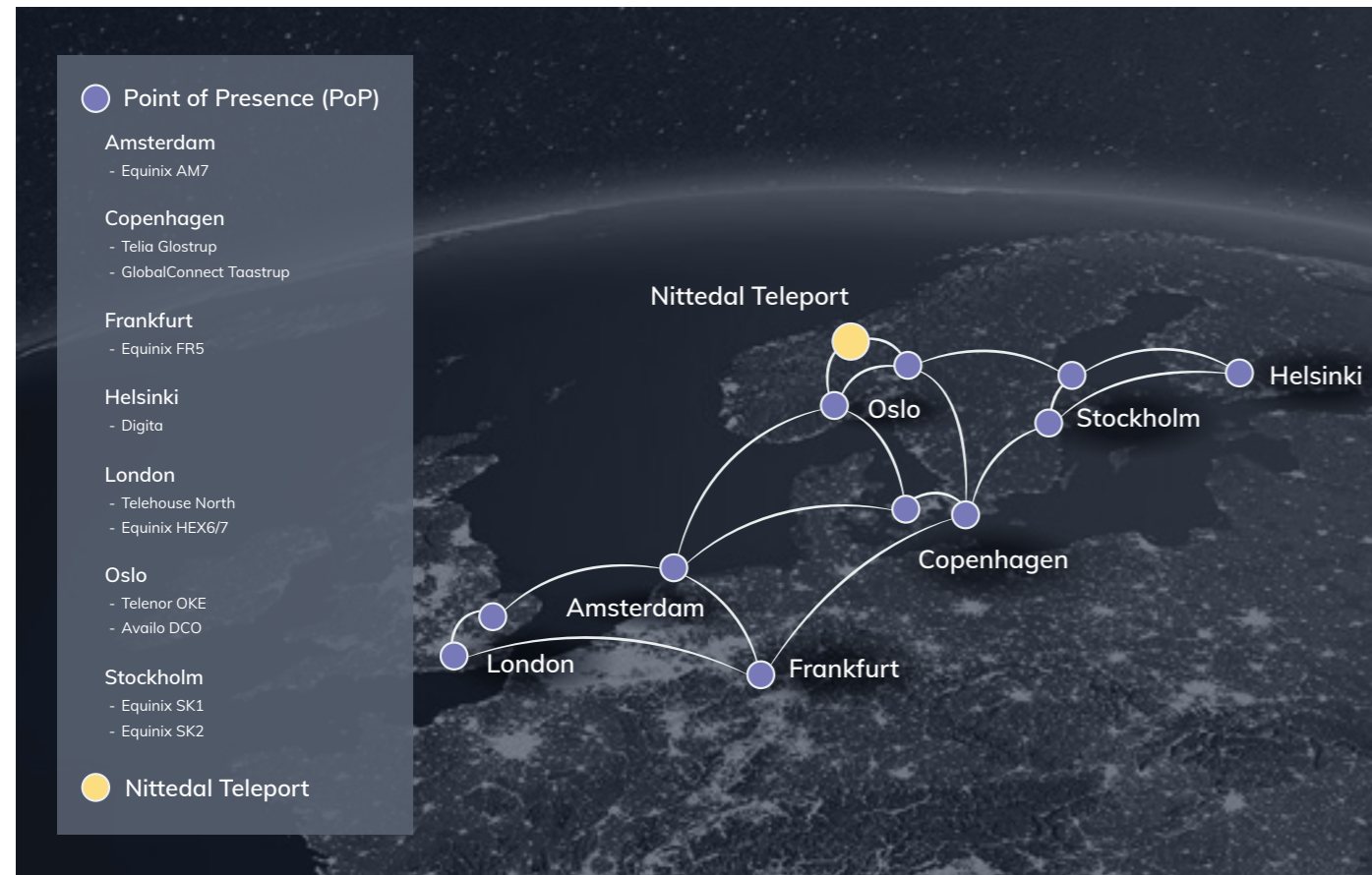
Connecting key European hubs.

Euro-Fibre, our terrestrial network, is designed to provide scalable and resilient solutions for media distribution and data communications.

It serves as a flexible and secure conduit, ensuring seamless integration of terrestrial and satellite-based services. This network offers easy routing and secure transfer of media content.

Through Euro-Fibre, we provide seamless access to key network hubs across Europe, connecting to our THOR satellites and the satellite fleets of our strategic partners. In addition to our fixed Points of Presence (POPs), we offer custom solutions, such as tail circuits that extend access directly to clients' sites, with commissioning available on short notice.

Our primary network hubs are strategically positioned in Oslo, Copenhagen, Stockholm, Helsinki, London, Frankfurt and Amsterdam.





# Occasional Broadcast Services

Any event, anywhere, anytime.

Our Occasional Use team provides satellite capacity and teleport services for reliable, low-latency transmission of live events globally.

Through our strategic partners' far-reaching network, teleport infrastructure, and global satellite connectivity, we ensure seamless live broadcasting of any major sports, entertainment, or breaking news event as it happens.

Whether for a 'one-of' event or for an extended broadcast sequence, our robust network guarantees resilience and dependability of our video contribution services. With thirty years of experience in providing occasional use solutions, we are confident in our

ability to deliver the top-quality service and support necessary for smooth and efficient live content transmission.

We offer 24/7/365 booking services and operational assistance, ensuring that your content is brought to millions of viewers without a hitch. Our occasional broadcasting services are delivered through the THOR 10-02 satellite and the satellites of our strategic partners, including SES, Intelsat and Eutelsat.

Our dedicated team will source any available OU capacity, for global coverage, if required.

If you're interested in booking your Occasional Broadcast services with us, please contact our team at [bookings@spacenorway.com](mailto:bookings@spacenorway.com) or call +44 207 923 6555.





# Teleport services

Support from the ground.

Our Nittedal Teleport, established in 1985, is one of Europe's largest and one of the world's most northerly earth stations. Additionally, we operate a Middle East gateway from the Makarios Teleport in Cyprus.

By leveraging our secure teleport infrastructure, we provide teleport solutions for broadcasting and data services clients.

**Dedicated hosting racks:** providing ample rack-space and routing for your equipment, safeguarded by state-of-the-art cooling and ventilation systems.

**Full redundancy:** equipped with a HVAC system, and a back-up power supply supported by generators.

**Secure facility:** offering tightly controlled access, 24/7 surveillance, fire suppression and integrated alarm systems.

**99.99% service availability:** delivering uninterrupted, secure broadcast transmission to your clients.



## Solutions for Broadcasting

- Uplinks and Downlinks
- Playout video servers
- Disaster recovery systems
- Dual and Diverse fibre interconnectivity
- Hosting:
  - Antenna, rack and baseband hosting
  - Leased lines

## Network Operations Centre (NOC)

- 24/7/365 customer support
- Service monitoring and control
- Incident, request & change management (according to ITIL best practices)
- Engineering support, fault-finding, and service restoration
- Remote hands support

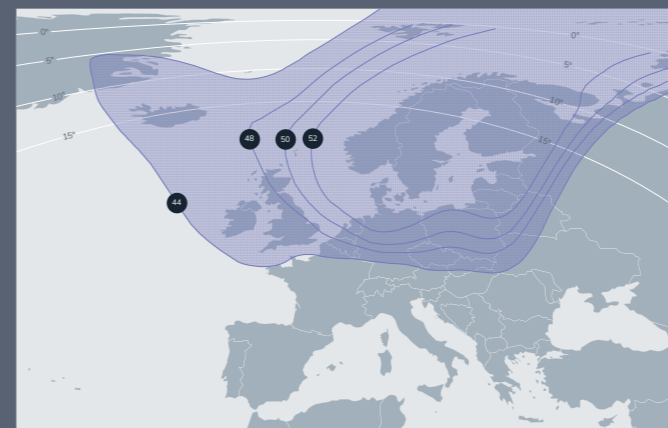


# Our coverage: Broadcasting

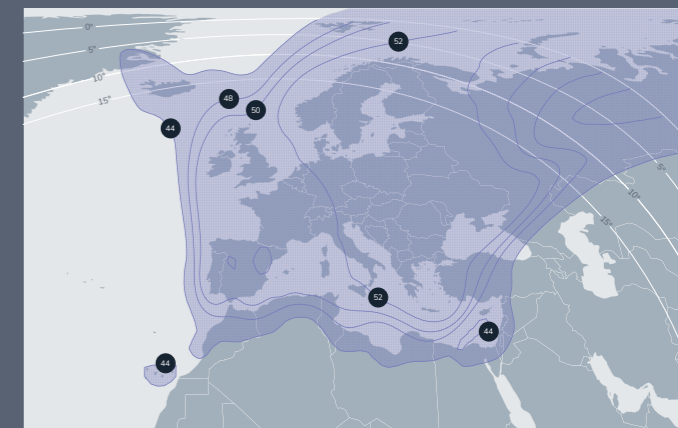
Positioned at 1° West, our THOR satellite fleet provides exceptional coverage and dependable connectivity, extending media networks outreach across the video neighbourhoods in the Nordics and Eastern and Central Europe.



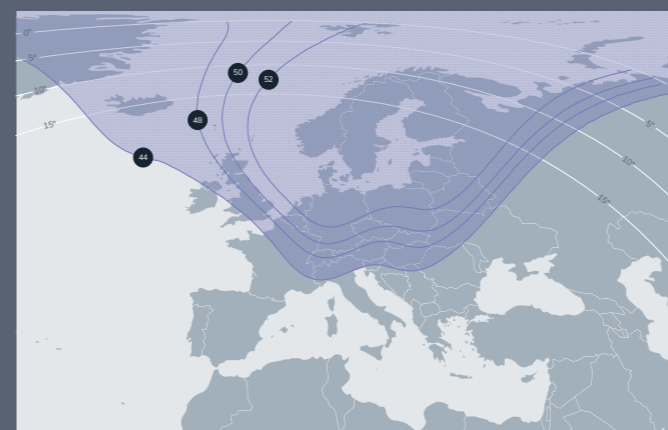
THOR 5 T1 Ku



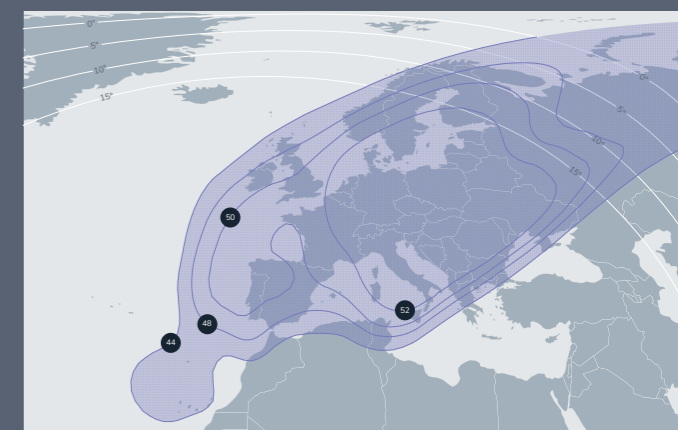
THOR 5 T2 Ku



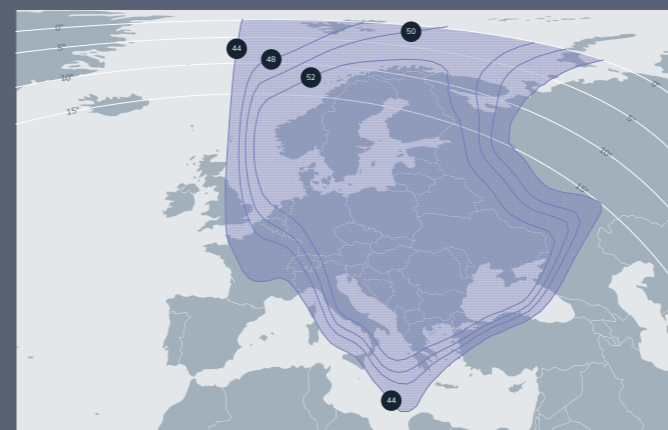
THOR 6 K1 Ku



THOR 6 K2 Ku



THOR 7 Ku

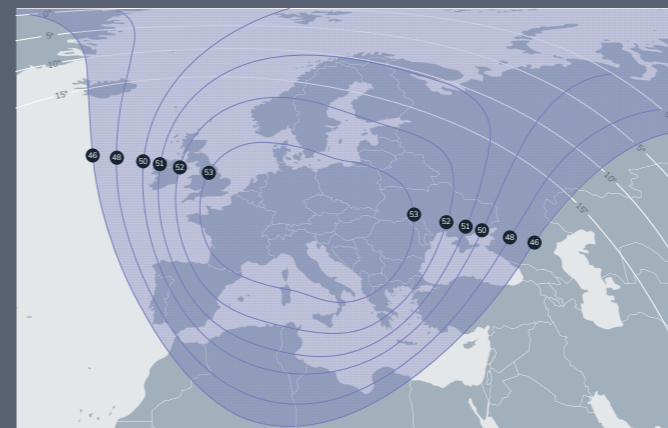


# Our coverage: Occasional Use

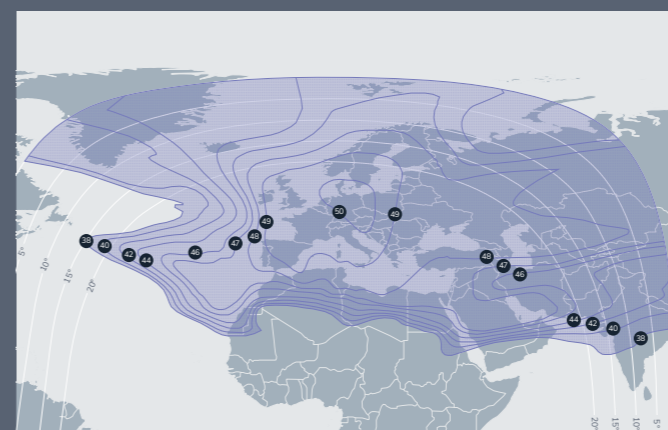
Through our THOR 10-02 satellite and in partnership with leading satellite operators, such as SES, Eutelsat, Intelsat, Telesat, Hispasat and AsiaSat, we provide global Occasional Broadcasting services for transmission of any event.



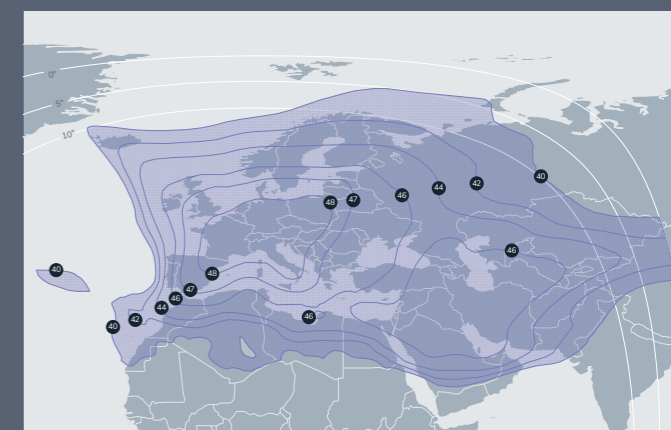
THOR 10-02 Spot 1 Ku-band (Europe) 1° West  
Downlink EIRP (dBW)



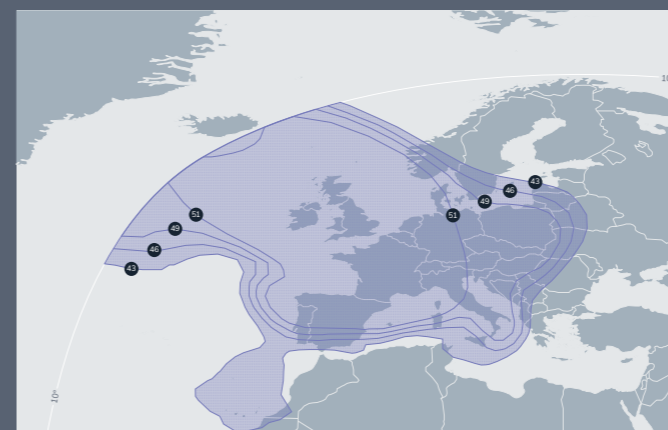
E7B Ku-band (Europe A) 7° East  
Downlink EIRP (dBW)



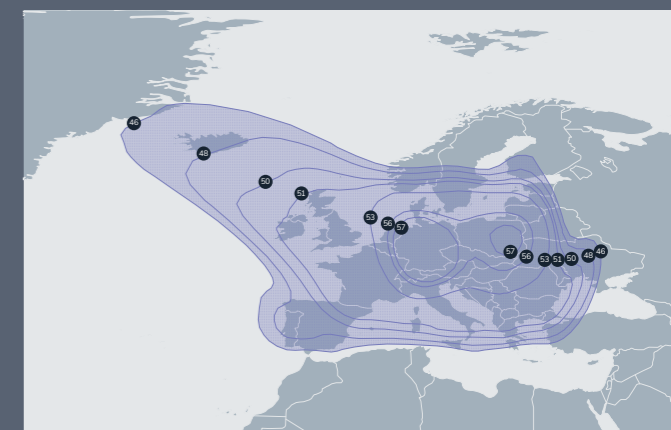
E10B Widebeam Ku-band 10° East  
Downlink EIRP (dBW)



Astra 2F Widebeam Ku-band (Europe) 28.2° East  
Downlink EIRP (dBW)



Astra 3B Widebeam Ku-band (Europe) 23.5° East  
Downlink EIRP (dBW)



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to contact us.

[spacenorway.com](https://spacenorway.com)